

ABSTRACT

In S1, an image reading device obtains an image region length L_d of an original placed on an original mounting portion, a set moving velocity V_m of an image reading unit, a
5 required deceleration distance L_s , a reference velocity V_r ,
and an absolute length Z . In S5, the image reading device sets a flag to 0 if $V_m \leq V_r$ (S2: NO) or $Z \geq (L_d + L_s)$ (S3: YES) and reads the entire image region length while the image reading unit is moving at the set moving velocity V_m . The
10 image reading device sets the flag to 1 if $V_m > V_r$ (S2: YES) and $Z < (L_d + L_s)$ (S3: NO), reads the image region while the image reading unit is moving at the set moving velocity V_m up to the deceleration start position while the distance moved by the image reading unit is less than or equal to $(L_1 + Z - L_s)$ (S17: NO), then if the distance is greater than $(L_1 + Z - L_s)$ (S17: YES), the image reading unit performs deceleration
15 reading and reads up to a position immediately downstream of the image region.